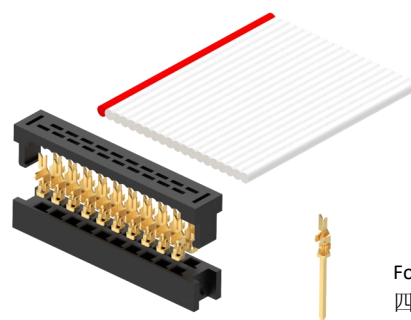
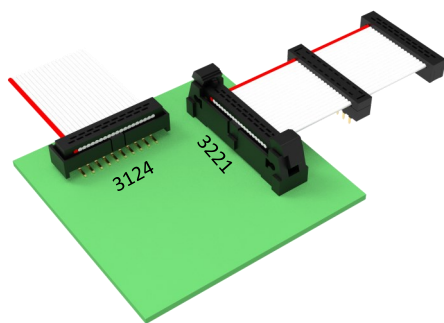


5225 Series (Mating with 3124/3221 series) 5225系列 (互配系列: 3124/3221)

2.00mm pitch/Wire-to-board/IDC Style 2.00mm间距/线到板连接器/刺破式



Four-point contact
四点接触

Overview

5225 is a connector with a double row spacing of 0.07874 inches (2.00mm) and a row spacing of 0.07874 inches (2.00mm). The terminals are designed with insulation displacement (IDC) and single contact point contact, which simplifies the assembly process and reduces assembly costs. It is an efficient wire-to-board connection solution.

概述

5225是一款是双排间距为0.07874 英寸（2.00毫米），排距为0.07874 英寸（2.00毫米），的连接器的，端子采用绝缘位移 (IDC)及单接触点接触设计，其优势在于简化装配流程，降低组装成本，是一种高效的线到板连接解决方案。

Features and Benefits

- 8 to 50 circuit available
- IDC design, reduce labor, assembly costs
- Boss anti-fool design ensures correct matching
- Flip cover design, providing two outlet methods

产品特点

- 可提供8到50位
- IDC刺破式设计，缩短线束装配时间
- 凸台防呆设计，确保正确匹配
- 反折盖设计，提供两种出线方式

Product Applications

- Industrial: Automation equipment, industrial control
- Energy storage: power system, photovoltaic system
- Household appliances: smart home, printer

应用领域

- 工业：自动化设备、工业控制
- 储能：电力系统、光伏系统
- 家用电器：智能家居、打印机

Standard 标准

- EIA-364

Material 材料

Part/零件	Material/材料	Finish/电镀	Fire rating/防火等级
Housing/主体	PBT	Black/黑色	UL94V-0
Cover/中盖	PBT	Black/黑色	UL94V-0
Terminal/端子	phosphor bronze 磷铜 (C5291)	Nikel over all,Au on Contact area 镍底，接触区镀金	-

Model number allocation 型号命名

5225 - XX U P XX B W 01
(1) (2) (3) (4) (5) (6) (7) (8)

(1) Series (系列): 2.00*2.00 mm IDC

(5) Plating (电镀): S0=Gold Flash/Ni、S4=15u"Au/Ni、S5=30u"Au/Ni

(2) Circuit (位数): 06=6, 20=20P...50=50P

(6) Color (颜色): B=Black

(3) Terminal type (端子形态): U type

(7) Housing Bump (塑胶凸台): W:with bump, N:W/O bump

(4) Terminal material (端子材质): phosphor bronze

(8) Internal code (流水码)

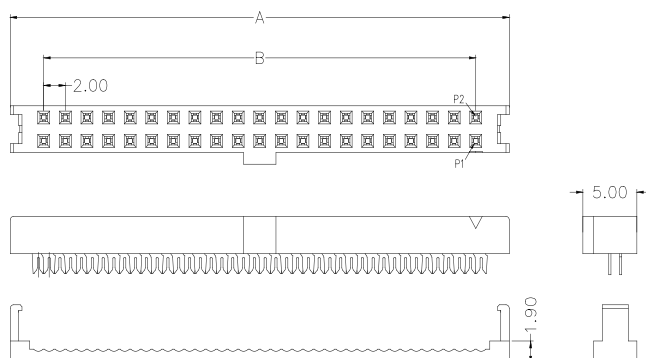
5225 Series

Production Specifications 产品规格

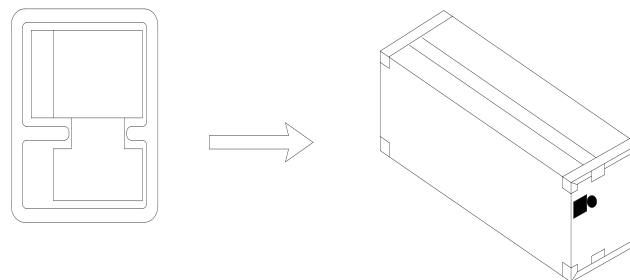
Current rating 额定电流	2.0 A	Operating Temperature Range:-40° C~+105° (including temperature rise) Operating Humidity Range:20-80%	Storage Teroerature: Operating Humidity: 储存温度: 25±5° C 储存湿度: ≤60%
Voltage rating 额定电压	200V	工作温度范围: -40° C~+105° C(含温升) 工作湿度范围: ≤80%	

Item 项目	Condition 条件	Specification 规格
Insulation Resistance 绝缘电阻	Measured at 500V DC for 1 minute 测试电压: 500V DC/1分钟	No less than 1,000M Ω 不少于1000MΩ
Withstanding voltage 耐电压	Measured at 500V AC for 1 minute 测试电压: 500V AC/1分钟	No breakdown, no discharge, leakage current <0.5mA 无击穿、无放电、漏电流<0.5mA
Contact Resistance 接触电阻	Measured at 1mA and no higher than 20mV 用20 mV DC进行测量	Contact resistance: Initial value/ 20 mo max After environmental tests/ 40 mo max. 接触电阻: 初始值 20 mΩ 以下
Vibration Resistance 抗振动	Frequency : 50 ~ 2000 Hz PSD value : 5.35 Gms minimum Duration : 15 minutes/axis Times : Each of three mutually perpendicular planes. 频率: 50 ~ 2000 Hz PSD : 5.35Grms Min 时长: 15分钟/轴 次数: 3次	No electrical discontinuity of 1μsorgreater 试验过程中未发生1μs瞬断现象, 且外观无损伤, 电气性能正常
Humidity (Steady state) 湿度	Temperature : 25~65°C Humidity: 90 ~95% (R.H) Duration : 96 hours 温度: 25~65° C 湿度: 90 ~95% (R.H) 时间: 96小时	Contact resistance: Initial value/ 20 mo max After environmental tests/ 40 mo max. 接触电阻: 初始值 20 mΩ 以下 测试后 30 mΩ 以下
Salt Spry 盐雾	Temperature:35#2°C Humidity:95~98%(R.H) PHValue : 6.5 ~ 7.2 Duration : 24hours(Gold area) 温度: 35±2° C 湿度: 95~98%(R.H) PH值: 6.5~7.2 时间: 24小时	Contact resistance: Initial value/ 20 mo max After environmental tests/ 40 mo max. 接触电阻: 初始值 20 mΩ 以下 测试后 30 mΩ 以下
Durability(Mating/un-mating) 插拔寿命	500 cycles 循环500次	Contact resistance: Initial value/ 20 mo max After environmental tests/ 40 mo max. 接触电阻: 初始值 20 mΩ 以下 测试后 30 mΩ 以下

Dimensions 尺寸



Package 包装



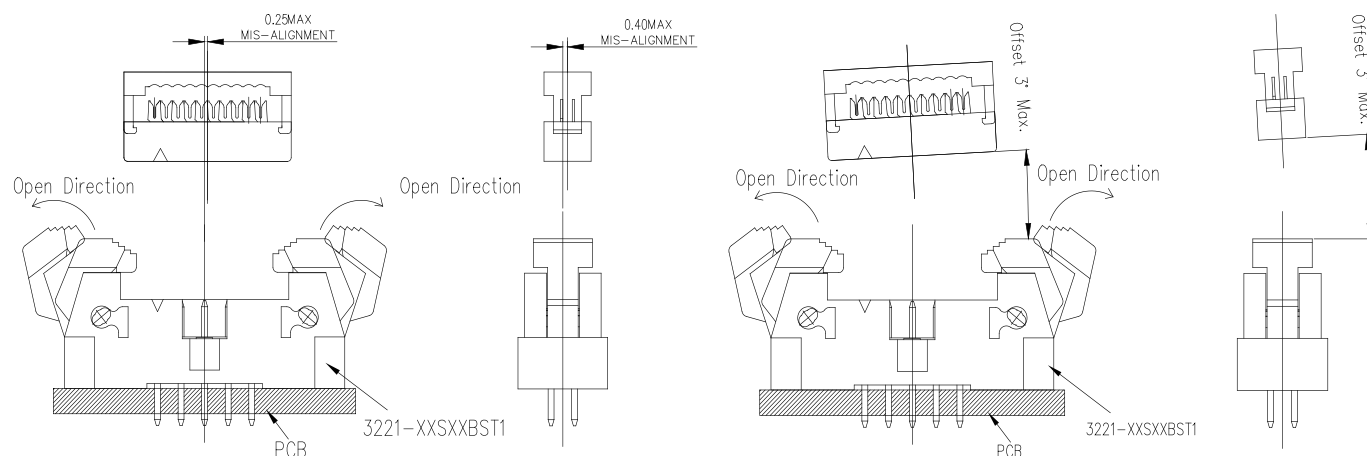
Ordering Information 订购信息

Circuit 芯数	Part number 型号	Dimensions 尺寸 (mm)		Parkage 包装		Remake 可量产状态
		A	B	Q'ty/Tray 只/管装	Q'ty/Box 只/外箱	
6	5225-06UPXXBW01	10.20	4.00	16800	33600	*
8	5225-08UPXXBW01	12.20	6.00	14100	28200	*
10	5225-10UPXXBW01	14.20	8.00	12000	24000	*
12	5225-12UPXXBW01	16.20	10.00	10500	21000	*
14	5225-14UPXXBW01	18.20	12.00	9300	18600	*
16	5225-16UPXXBW01	20.20	14.00	8400	16800	*
20	5225-20UPXXBW01	24.20	18.00	6900	13800	*
22	5225-22UPXXBW01	26.20	20.00	6600	13200	*
24	5225-24UPXXBW01	28.20	22.00	6000	12000	*
26	5225-26UPXXBW01	30.20	24.00	5700	11400	*
30	5225-30UPXXBW01	34.20	28.00	4800	9600	*
32	5225-32UPXXBW01	36.20	30.00	4800	9600	*
34	5225-34UPXXBW01	38.20	32.00	4500	9500	*
36	5225-36UPXXBW01	40.20	34.00	4200	8400	*
40	5225-40UPXXBW01	44.20	38.00	3900	7800	*
44	5225-44UPXXBW01	48.20	42.00	3600	7200	*
50	5225-50UPXXBW01	54.20	48.00	3000	6000	*

Note: * stands for mass production . 注: *代表可量产

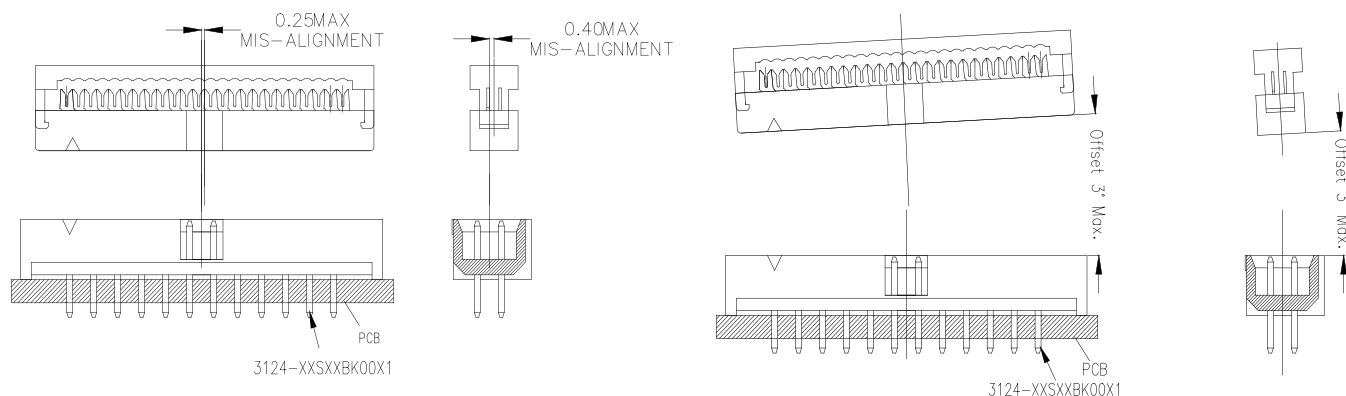
Precautions for use 使用注意事项

Mating With 3221 与3221配合要求

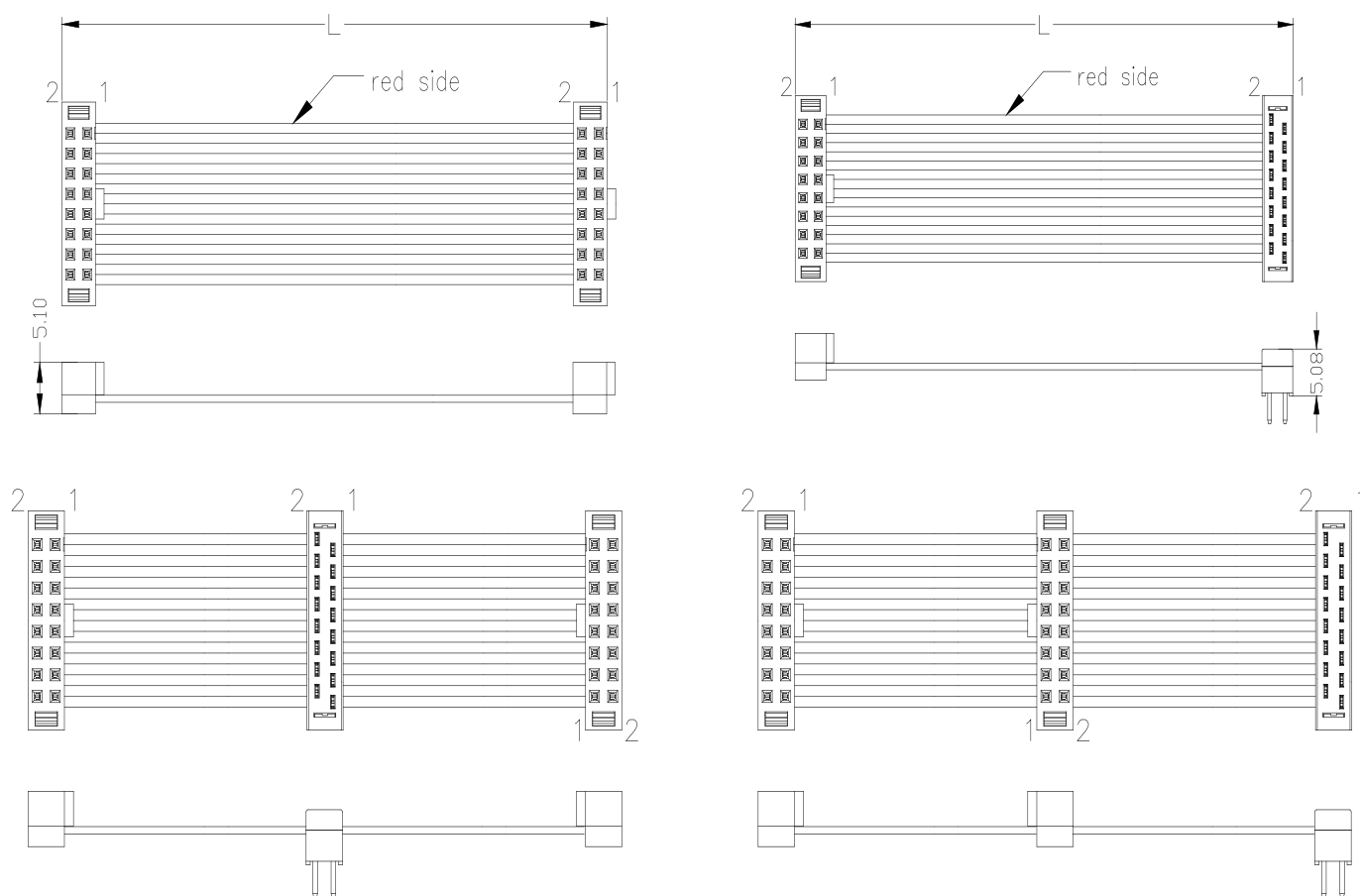


5225 Series

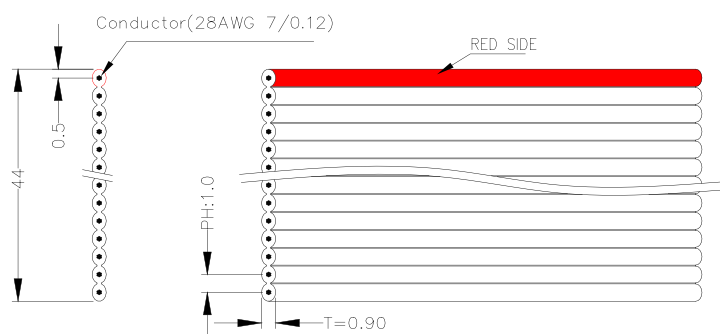
Mating With 3124 与3124配合要求



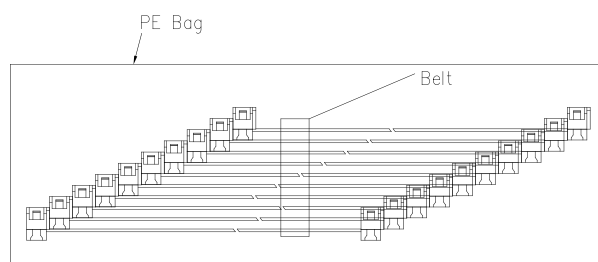
Cable Assembly 线缆组件



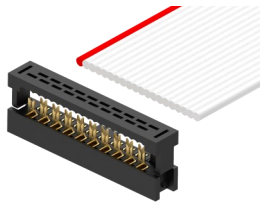
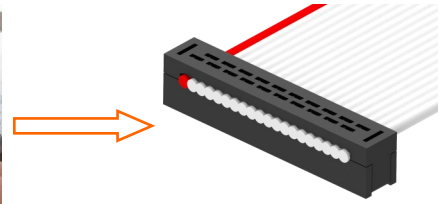
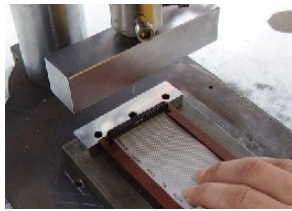
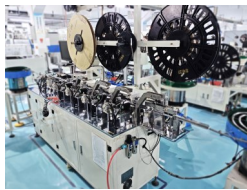
Technical data flat bibbon cables 线材规格



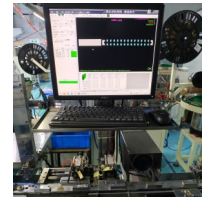
Cable Harness Packaging 线束包装



Installation Instructions 安装说明

hand assembly
手工组装Placement of wires
摆放线材Automated machine assembly
自动机组装Product Assembly
产品组装

CCD Detection



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Product e-catalog



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